

**IN THE ABSTRACT OF THE DISCLOSURE:**

Please replace the abstract of the disclosure with the following amended abstract:

A medical electrical lead component includes a groove formed in a surface of the component. The medical electrical lead includes a portion of a conductor positioned within the groove and a resistance weld formed between ~~[[a]]~~the portion of ~~[[a]]~~the conductor positioned within the groove and the component. In one embodiment, the portion of the conductor positioned within the groove includes a pre-weld diameter greater than the depth of the groove.